

Linking Land & Water Planning

*John Mulliken, Interim Director
Water Supply Department*

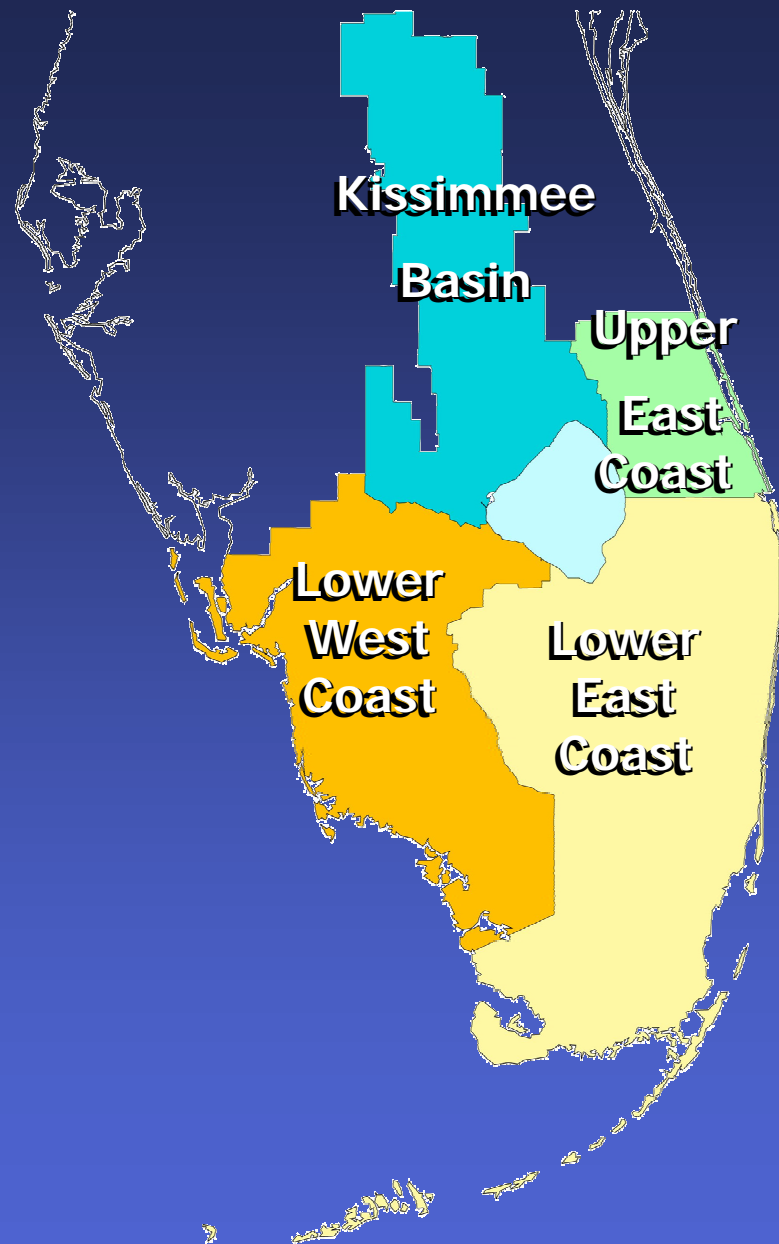
*South Florida Water Management District
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Overall Objective of Land & Water Planning Linkage

- **State Comprehensive Plan:**
 - Florida shall assure the availability of an adequate supply of water for all competing uses ... and shall maintain the functions of natural systems and ... water quality

Keys to Achieving the Objective

- **Shared Responsibility Between:**
 - Local government planning departments
 - Local utilities
 - SFWMD
 - DCA
- **Timely coordination and communication**
- **Cooperative solution development**



SFWMD Four Regional Water Supply Planning Areas

Current Status

- Four regional water supply plans approved by May 2000
- First series of five year updates in progress
 - Upper East Coast - June 2004
 - Kissimmee Basin - April 2005
 - Lower West Coast - October 2005
 - Lower East Coast - December 2005
- Local 10 year Work Plans in progress
 - Deadline: January 2005 or earlier

Water Supply Plan Development

- 20 Year Demand Projections
- BEBR, Census, Comp Plans
- Extensive coordination with local governments and utilities
 - Utility surveys and coordination meetings
 - Support in identifying conceptual wellfields
 - Public meetings

10 Year Work Plan Development

- **Expanded Coordination**
 - Continuation of past efforts - outreach to local government planning departments and utilities
 - Additional Internet access to SFWMD plans and data

Water Supply Plan Components that Address Local Government Planning Issues

- **Water Supply Plan identifies:**
 - **Water Sources**
 - **Quantity of water available from identified sources**
 - **Resource Projection: wetland impacts, salt water intrusion / upconing, aquifer mining**
- **Compare existing & projected demands to sources available and identify supply shortfalls**

Water Supply Plan Components that Address Local Government Planning Issues

- **If supply shortfall is identified, then RWSP identifies alternative sources and projects to meet demands via:**
 - **Regional Water Resource Development Projects**
 - **Water Supply Development Projects**
 - **Alternative Water Supply Projects**
 - **Reuse**
 - **Conservation**
 - **Other**

SFWMD Coordination to Date

- **5 DCA / SFWMD Regional Workshops**
- **DCA 10-year Work Plan Guidelines**
- **Palm Beach Co. Pilot Project**
- **DCA & SFWMD staff and web-based technical assistance for past 12 months**
- **EAR Scoping meetings & draft 10-year Work Plan technical assistance**
- **First draft EARs & 10-year Work Plans now being submitted & reviewed**

10-Year Work Plans in SFWMD

- Currently working with 11 counties & three municipalities
- Estimated Work Plans within SFWMD is 77
 - Counties - 12
 - Municipalities - 65
- SFWMD must coordinate on 13 EARs (7 counties) by Jan. 1, 2005

Successes

- **General Coordination**
 - DCA / DEP / WMD day-to-day coordination
 - WMD to County Planning & Utility Dept.
- **Data Coordination**
 - Utility service areas, future populations
 - Regional water supply plan updates
- **Issue Coordination**
 - Future sources, reuse, conservation

Challenges

- **Water Supply Plans and Work Plans are not synchronized**
 - Work Plan deadline prior to completion of Water Supply Plan updates
 - Work Plans won't benefit from updated analyses on source availability
 - Coordination with municipalities (65)
 - Staffing demands - Conflict between providing assistance on outdated information while developing Water Supply Plan updates
- **Timely implementation of water resource development projects**

Opportunities

- **Revise sequencing so Work Plan deadlines occur after Water Supply Plan updates**
- **Clarify frequency of Work Plan updates**
- **Increase municipal outreach with additional workshops**
- **Improve online technical assistance**

New "EAR"/10-Year Work Plan Website

sfwmd.gov

Evaluation & Appraisal Reports (EARs) 10 Year Water Supply Facility Workplans

The 2002 Legislature strengthened the coordination of water supply and land use planning. For the first time, a linkage was created in SB-1906 between water management district Regional Water Supply Plans and Local Government Comprehensive Plans. Local government must now develop and adopt 10-year Water Supply Facilities Workplans to address their future water supply needs, water supply sources and required facilities. They must also consider Regional Water Supply Plans as they prepare Evaluation & Appraisal Reports (EARs) assessing and updating their Local Government Comprehensive Plans.

The South Florida Water Management District (SFWMD) is working with the Florida Department of Community Affairs (DCA) to assist local government in this effort, both through regional workshops and individual local government technical assistance. This web page's purpose is to help provide local governments with access to the technical information they need to complete these land use planning efforts (i.e. EARs & 10-year workplans). Although a primary focus of the information below is water supply, links to other relevant SFWMD information addressing natural systems protection, flood control and water quality protection are also provided below.



Background

[Quick Facts on 10-Year Workplan \(PDF\)](#)

[DCA 10-Year Workplan Guideline \(PDF\)](#)

[DCA's Water Supply Planning Webpage](#)

[Interagency Coordination "White Paper"](#)

[EAR Process](#)

[DCA Sponsored Workshops](#)

SFWMD's DCA Workshop Presentations

[Introduction](#)

[Lower East Coast](#)

[Upper East Coast](#)

[Lower West Coast](#)

[Kissimmee Basin](#)



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